	JC781 U.S. PT
FORM PTO-1082	08/01/00

08-02-00

Case Docket No.TUC920000013US1 0018.0074

August 1, 2000

Express Mail Label No. EL484106684US

Dear Sir:

Washington, D.C. 20231

Transmitted herewith for filing is the patent application of

ASSISTANT COMMISSIONER FOR PATENTS

Inventor(s)

D.A. Burton; N. Fujita; R.L. Morton; and K. Nakase

For:

METHOD, SYSTEM, AND DATA STRUCTURES FOR USING METADATA IN UPDATING DATA I

STORAGE DEVICE .

En	cia	าร	ed	a	e

X	9 No. of Sheets of Drawings Sheet(s) of drawings (X informal) + 0 extra copies;
	34 pages of Application; 20 pages of specification, 1 page of abstract
X	An assignment of the invention to <u>International Business Machines Corporation</u> . (Will follow.)
	An associate power of attorney.
	A verified statement to establish small entity status under 37 CFR 1.9 and 1.27.
X	Declaration and Power of Attorney. (Will follow:)
	Certified copy of Patent Application No. filed from which priority is claimed under 35 U.S.C. §119.
	IDS enclosed. with references.

4		CALCULATION OF FEES												
M		ITEM	NO. OF CLA MINUS BAS		NO. OF CLAIMS OVER BASE	X SM/LG ENTITY FEE	\$ AMOUNT	\$ FEE						
	Α	TOTAL CLAIMS FEE	48	- 20* =	28	X \$9 or \$18	\$504							
	В	INDEPENDENT CLAIMS FEE**	4	- 3*=	1	X \$39 or \$78	\$78							
E Frit	С	SUBTOTAL - ADDITIONAL CLAIMS FEE (ADD FINAL COLUMN IN LINES A + B)												
	D	MULTIPLE-DEPENDENT CLAIMS FEE SMALL ENTITY FEE = \$130; LARGE ENTITY FEE = \$260												
Ø 0	E	BASIC FEE* SMALL ENTITY FEE = \$345, LARGE ENTITY FEE = \$690												
	F	TOTAL FILING FEE (ADD TOTALS FOR LINES C, D, AND E)												
므	G	ASSIGNMENT RECORDING FEE \$ 40												
₽	,	"LIST INDEPENDENT CLAIMS 1, 16, 31, 43												

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Any patent application processing fees under 37 CFR 1.17.

The issue fee set in 37 CFR 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 CFR 1.311(b).

Any filing fees under 37 CFR 1.16 for presentation of extra claims.

Respectfully sybmitted

David W. Victor

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Express Mail Label No. EL484106684U: PATEN TUC920000013US 0018.0074

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application for

Examiner: --

D.A. Burton, N. Fujita, R.L. Morton and

Art Unit: --

K. Nakase

Serial No.: -

Filed: August 1, 2000

For: METHOD, SYSTEM, AND DATA

STRUCTURES FOR USING

METADATA IN UPDATING DATA IN A

STORAGE DEVICE

CERTIFICATE OF MAILING

Assistant Commissioner of Patents Washington, D.C. 20231

Dear Sir:

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I hereby certify that patent application papers, including specification, claims and 9 sheets of informal drawings are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to the Assistant Commissioner of Patents and Trademarks, Washington, D.C. 20231.

August 1, 2000 (Date of Deposit)

Patricia McLaughlin

(Name of person mailing paper or fee)

Signature)